

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094912.D
 Acq On : 1 Dec 2017 19:22
 Operator : SJ/JU
 Sample : I6587-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB112117

Quant Time: Dec 02 00:36:57 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

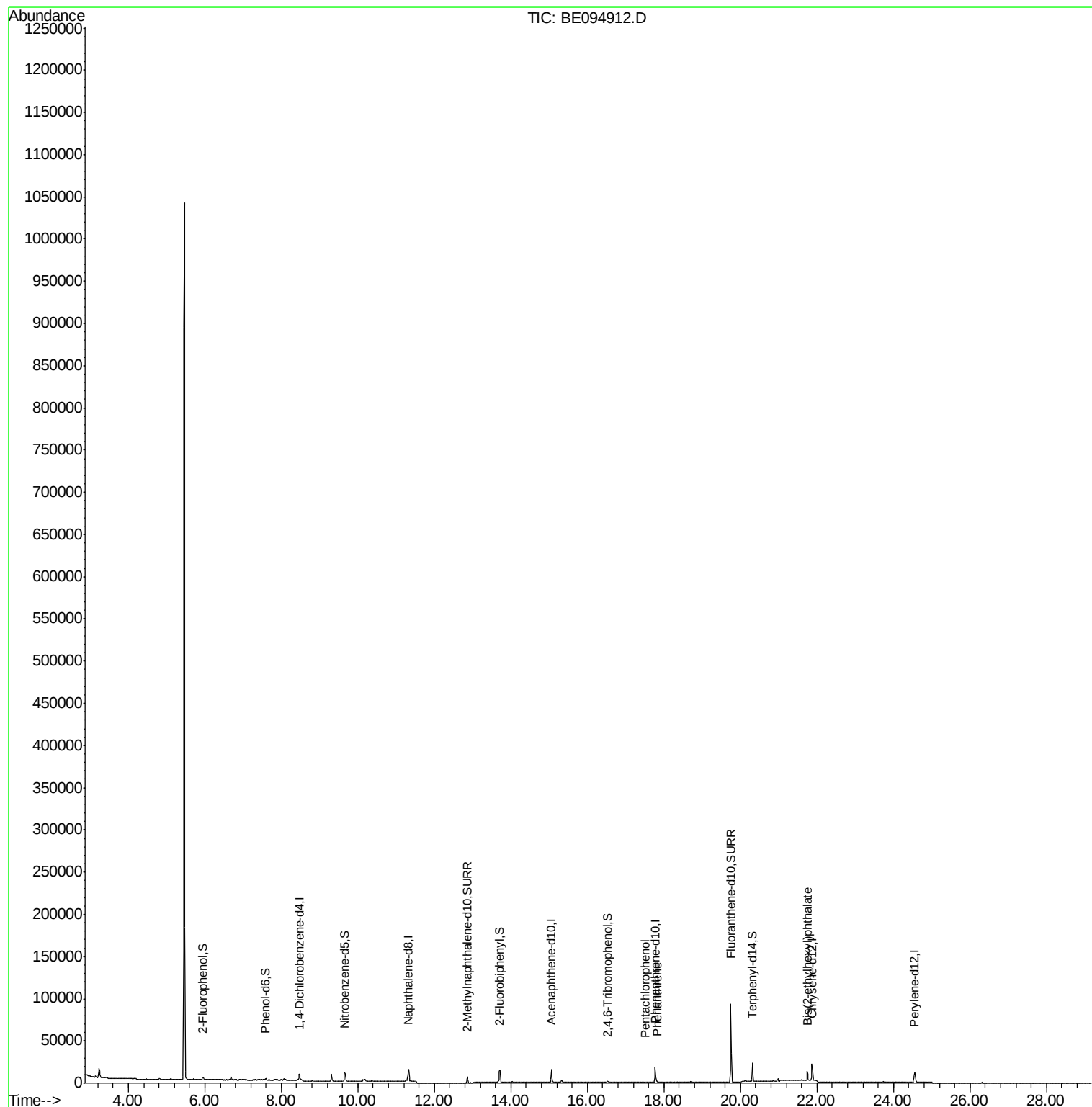
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7201	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	14904	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8289	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	21633	0.40	ng	0.00
27) Chrysene-d12	21.87	240	23857	0.40	ng	-0.02
34) Perylene-d12	24.56	264	19703	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1322	0.12	ng	0.00
5) Phenol-d6	7.59	99	1188	0.07	ng	0.00
8) Nitrobenzene-d5	9.66	82	4735	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9304	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	590	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	15140	0.43	ng	0.00
25) Fluoranthene-d10	19.75	212	119267	0.40	ng	0.00
29) Terphenyl-d14	20.31	244	23268	0.53	ng	-0.02
Target Compounds						Qvalue
22) Pentachlorophenol	17.51	266	15	0.14	ng	89
23) Phenanthrene	17.82	178	1563	0.02	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.75	149	17121	0.14	ng	99

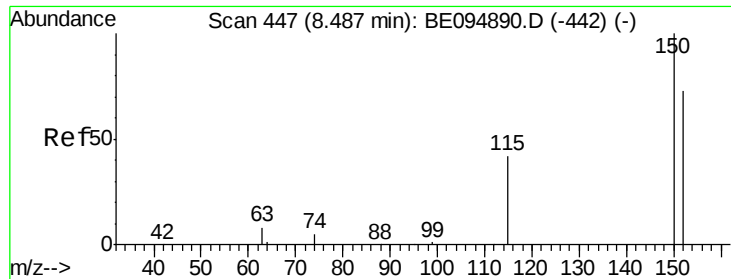
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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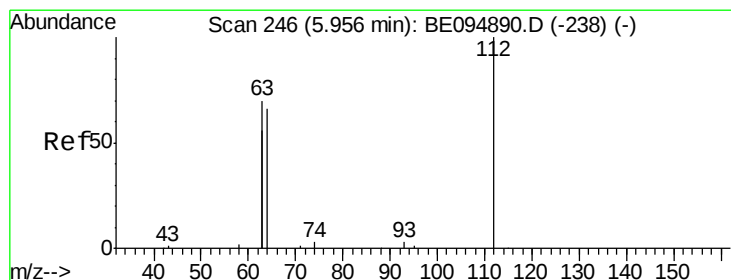
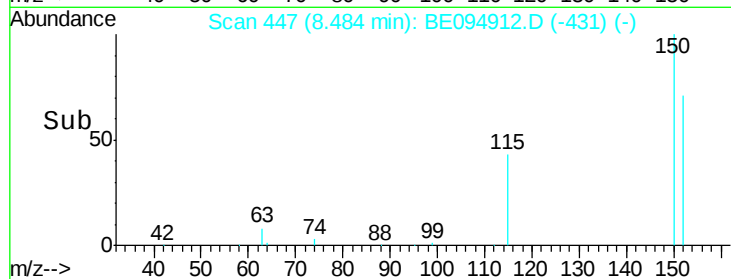
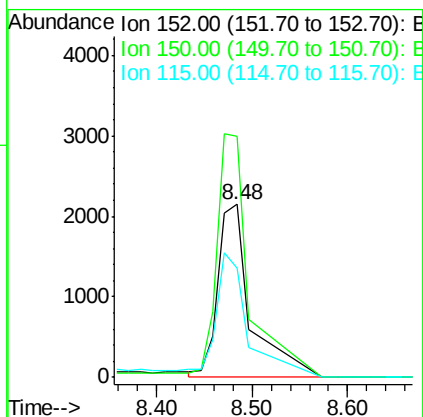
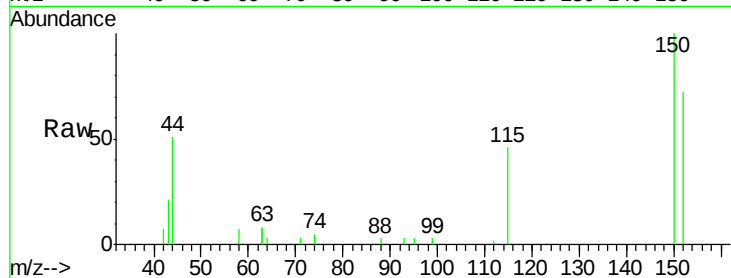


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094912.D
Acq: 1 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
FB112117

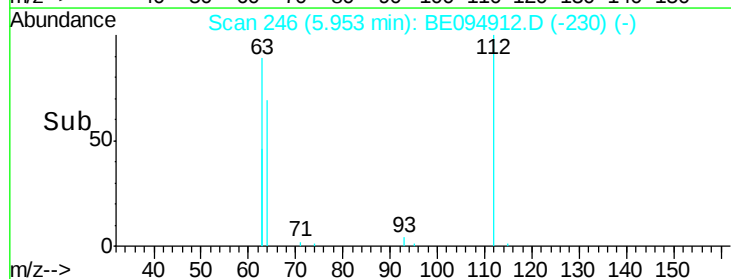
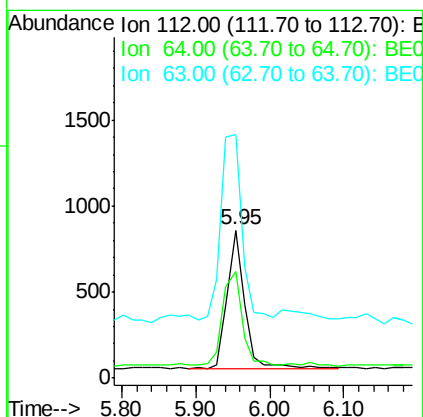
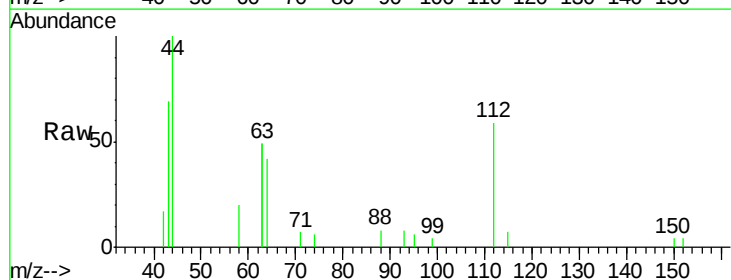
Tot Ion:152 Resp: 7201
Ion Ratio Lower Upper
152 100
150 139.2 117.2 175.8
115 63.5 57.0 85.6

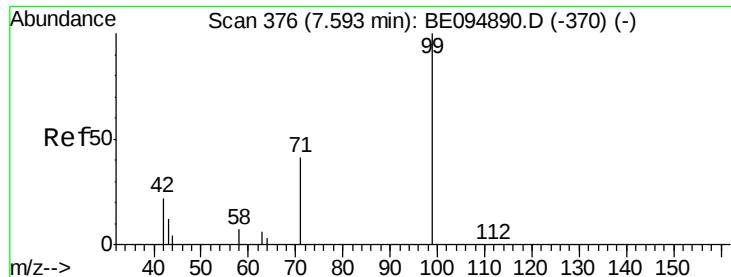


#4

2-Fluorophenol
Concen: 0.12 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094912.D
Acq: 1 Dec 2017 19:22

Tgt Ion:112 Resp: 1322
Ion Ratio Lower Upper
112 100
64 74.2 60.1 90.1
63 162.0 116.8 175.2





#5

Phenol-d6

Concen: 0.07 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

FB112117

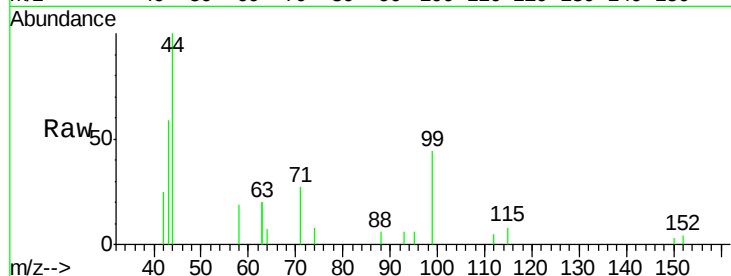
Tot Ion: 99 Resp: 1188

Ion Ratio Lower Upper

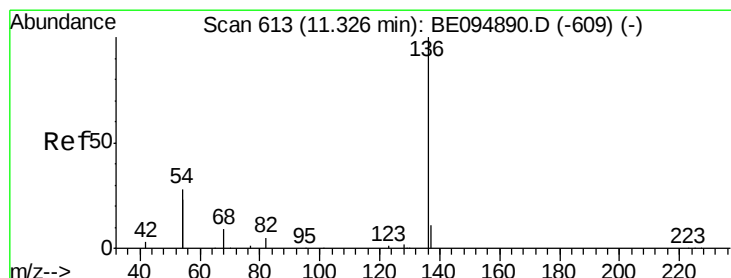
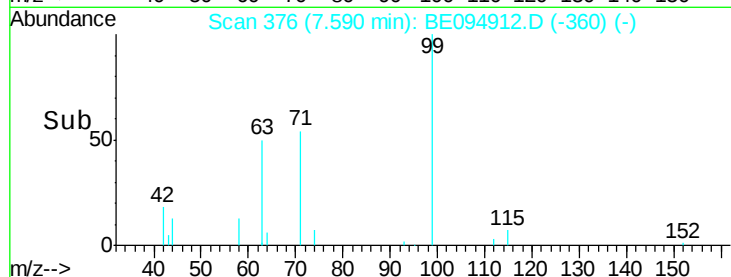
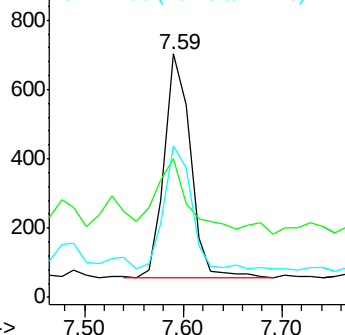
99 100

42 34.8 20.2 30.2#

71 59.1 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

Tgt Ion: 136 Resp: 14904

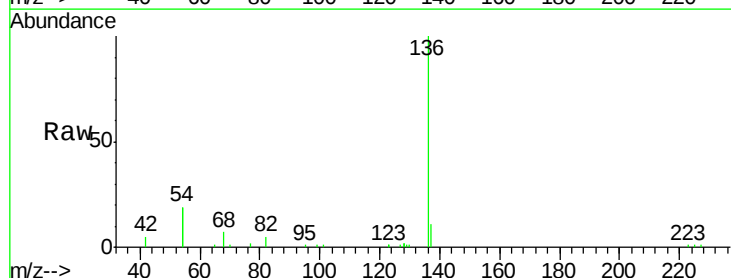
Ion Ratio Lower Upper

136 100

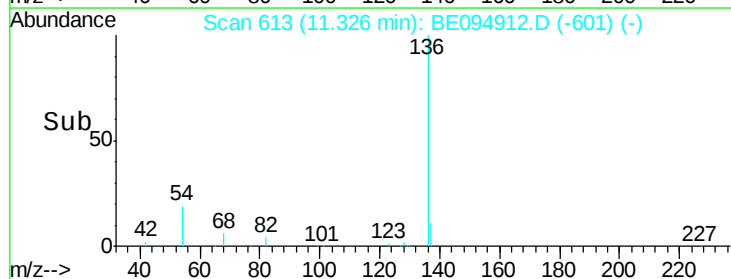
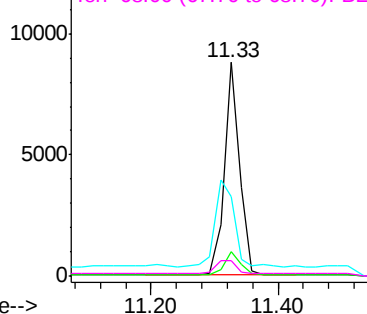
137 11.3 9.5 14.3

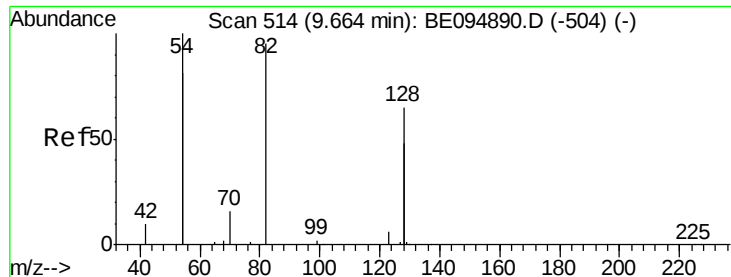
54 37.2 29.1 43.7

68 7.1 6.2 9.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.54 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

FB112117

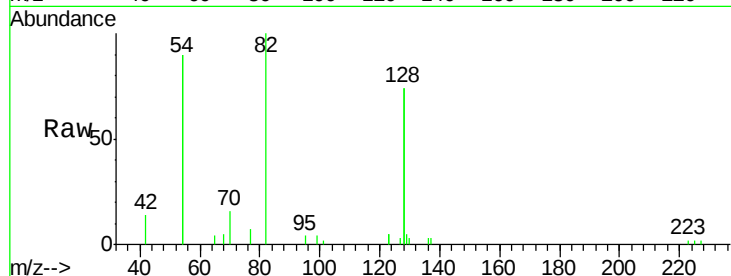
Tot Ion: 82 Resp: 4735

Ion Ratio Lower Upper

82 100

128 148.7 150.0 225.0#

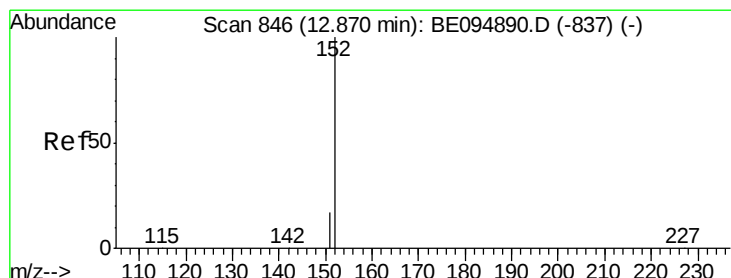
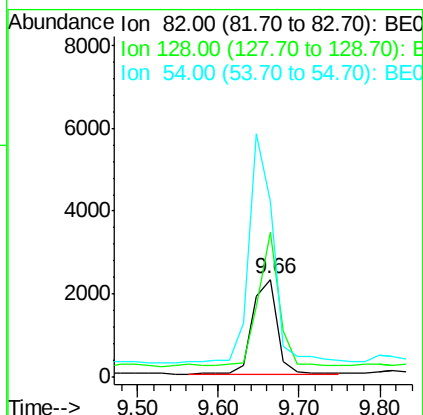
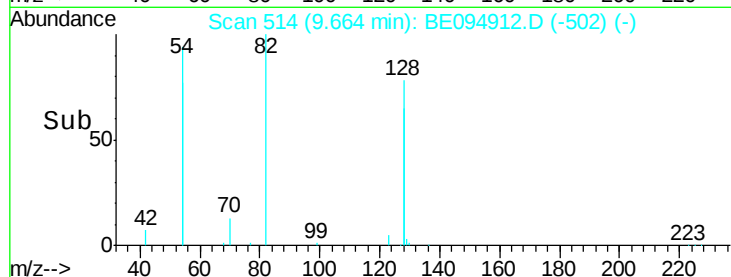
54 180.3 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094912.D

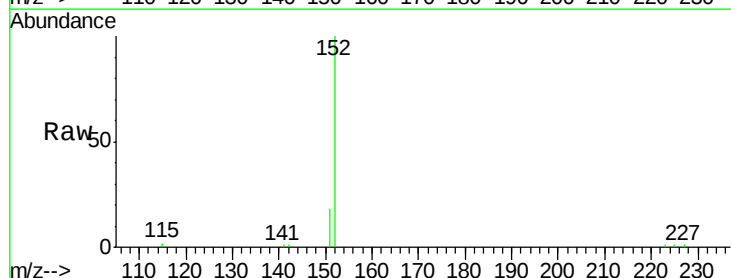
Acq: 1 Dec 2017 19:22

Tgt Ion: 152 Resp: 9304

Ion Ratio Lower Upper

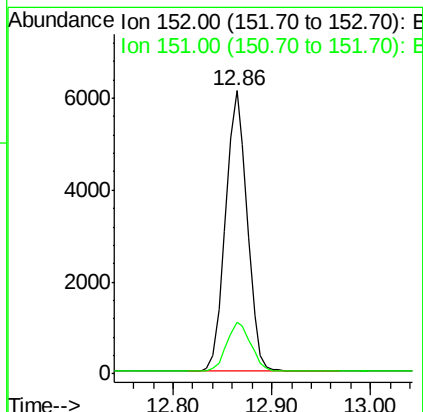
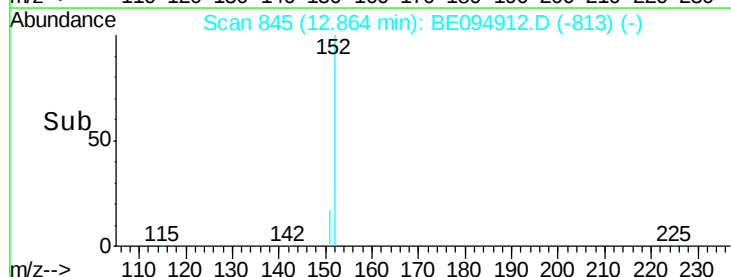
152 100

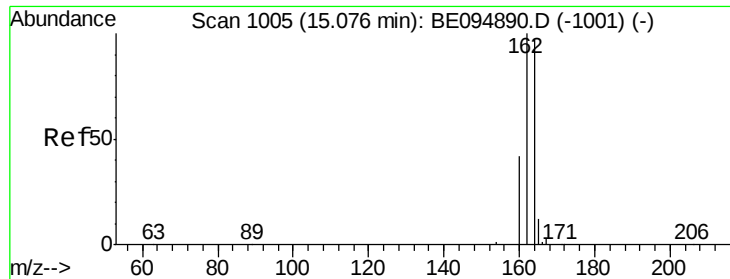
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

FB112117

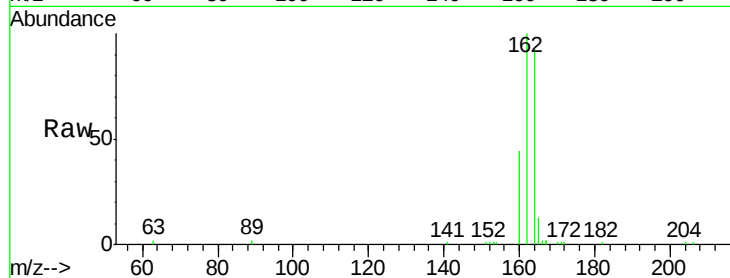
Tot Ion:164 Resp: 8289

Ion Ratio Lower Upper

164 100

162 107.5 83.1 124.7

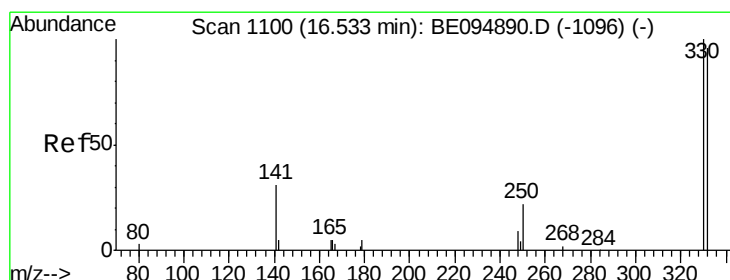
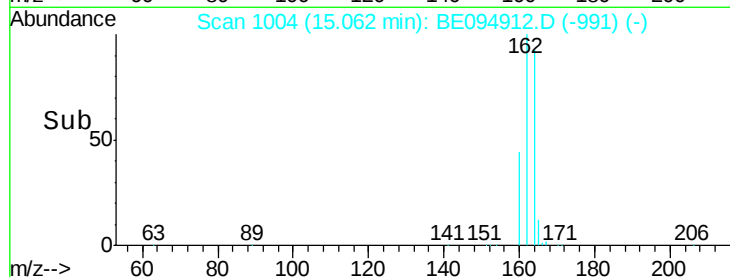
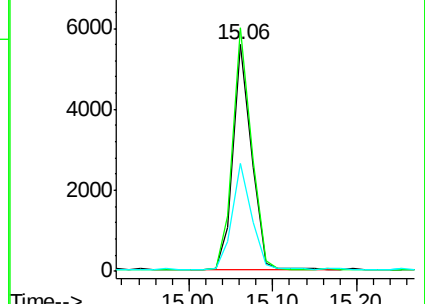
160 47.7 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.37 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

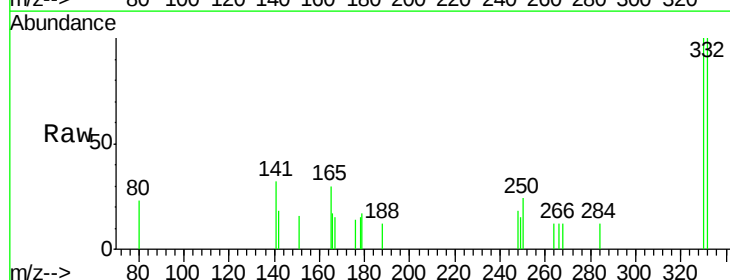
Tgt Ion:330 Resp: 590

Ion Ratio Lower Upper

330 100

332 97.3 152.7 229.1#

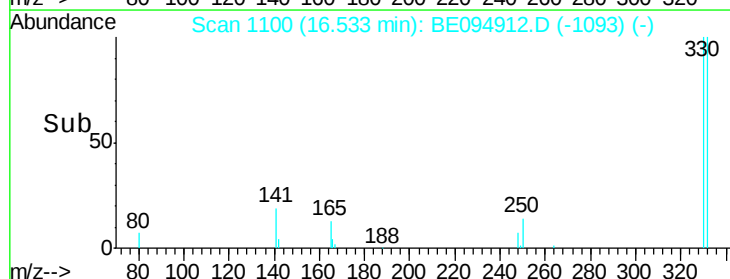
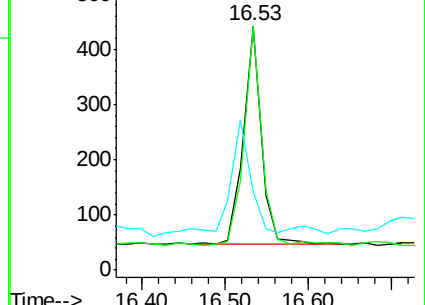
141 54.1 33.7 50.5#

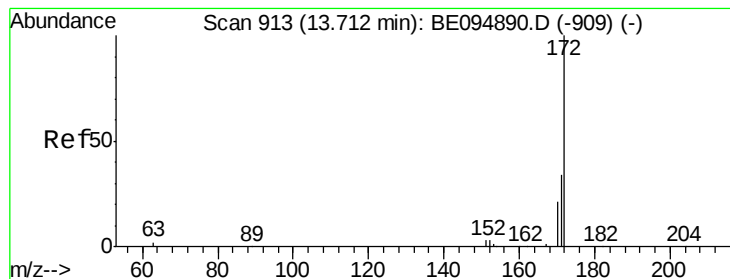


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

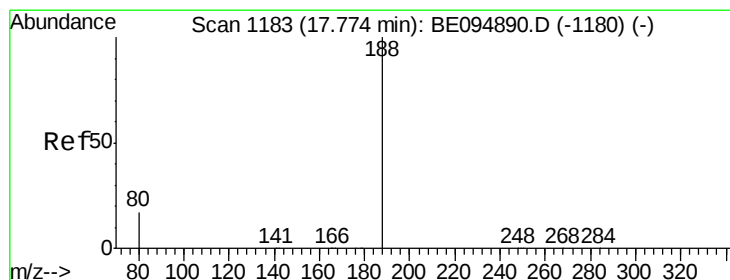
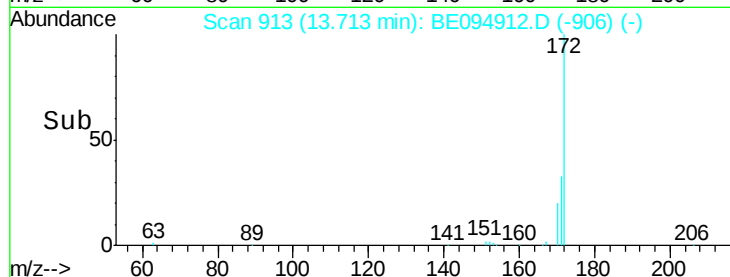
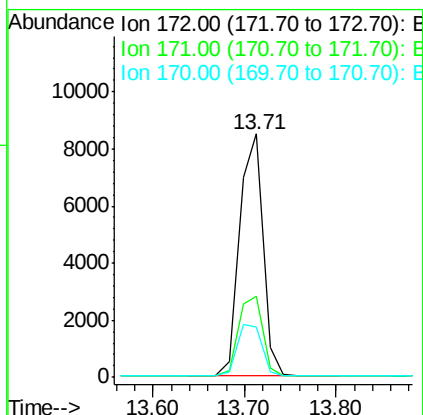
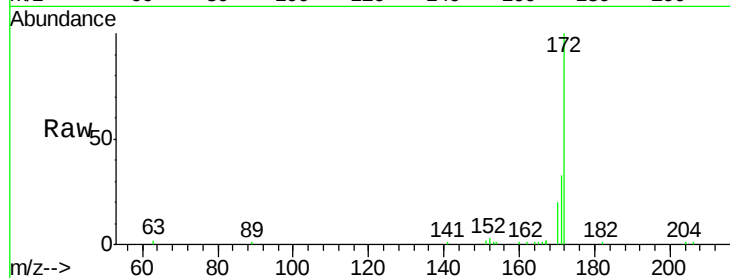




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094912.D
Acq: 1 Dec 2017 19:22

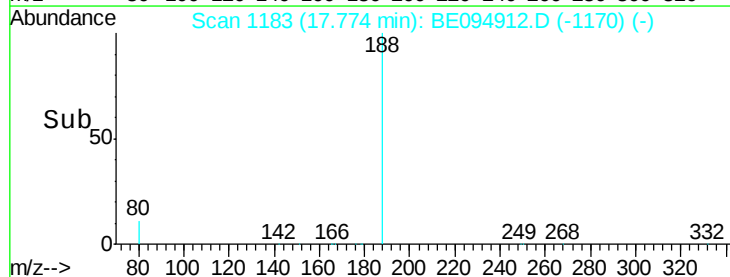
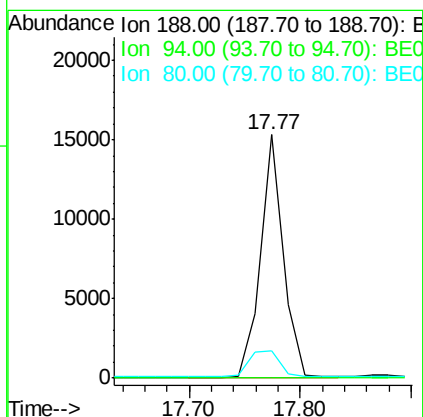
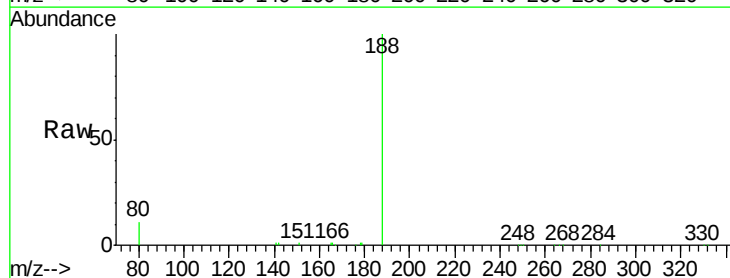
Instrument :
BNA_E
ClientSampled :
FB112117

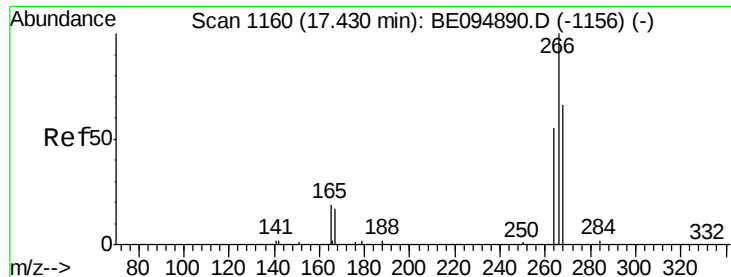
Tot Ion:172 Resp: 15140
Ion Ratio Lower Upper
172 100
171 33.3 29.9 44.9
170 20.5 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094912.D
Acq: 1 Dec 2017 19:22

Tgt Ion:188 Resp: 21633
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.3 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.14 ng

RT: 17.51 min Scan# 1165

Delta R.T. 0.08 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

FB112117

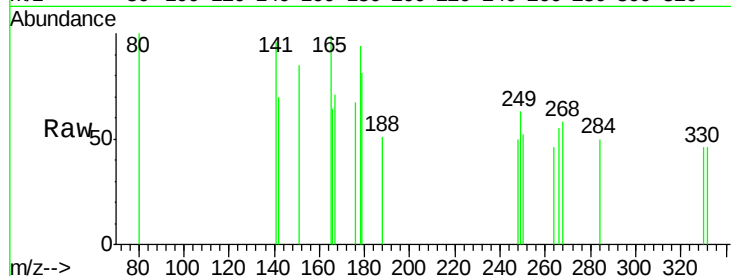
Tot Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 82.1 72.5 108.7

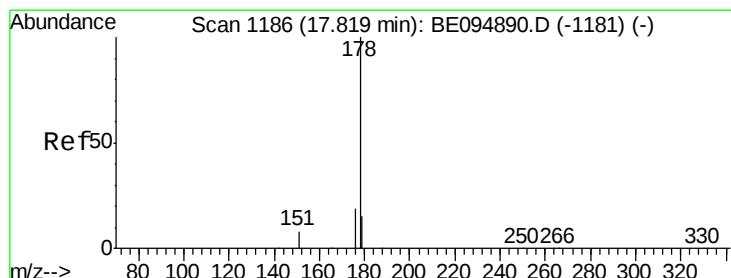
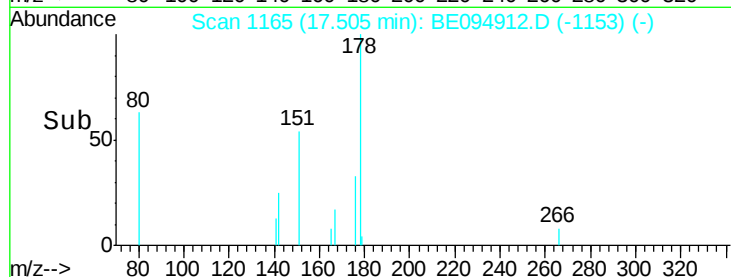
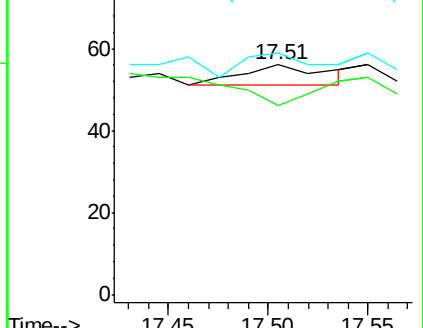
268 105.4 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.02 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

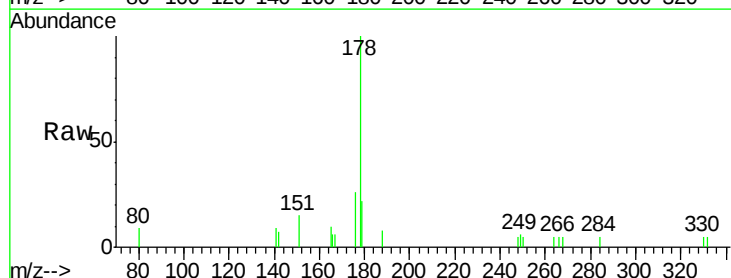
Tgt Ion:178 Resp: 1563

Ion Ratio Lower Upper

178 100

176 21.4 15.1 22.7

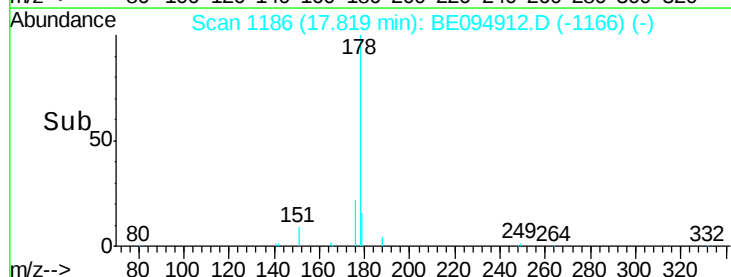
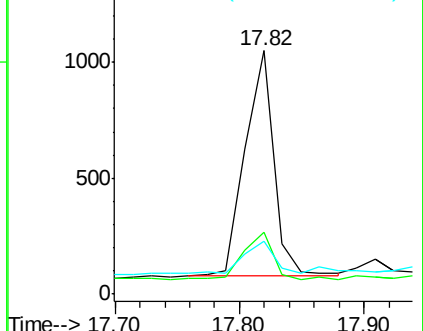
179 20.0 11.8 17.6#

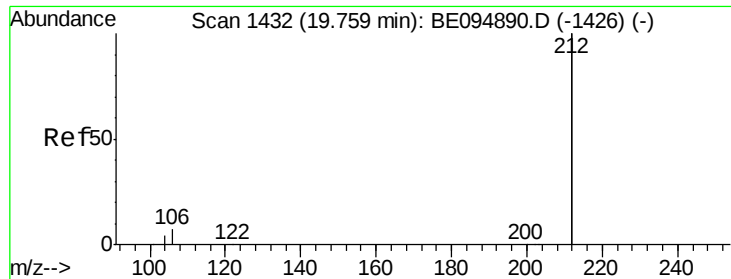


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.40 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

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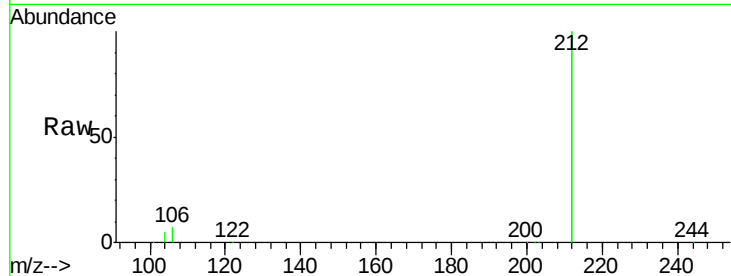
Tot Ion:212 Resp: 119267

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

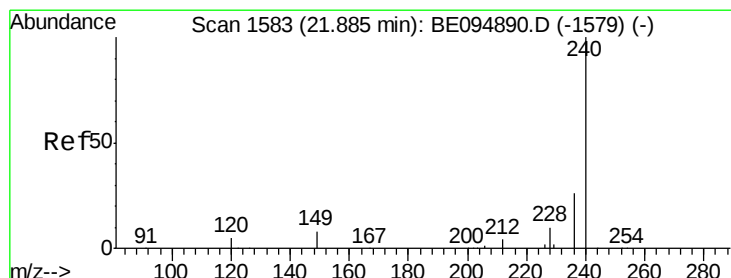
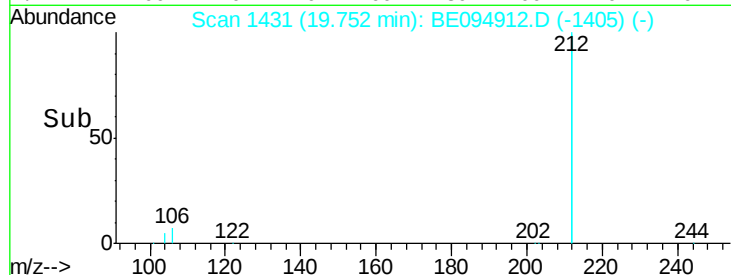
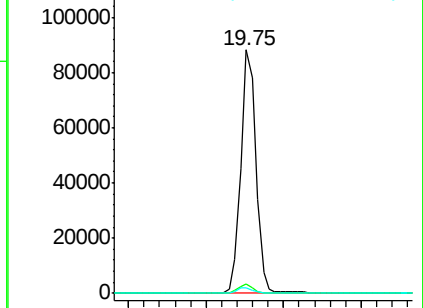
104 2.3 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

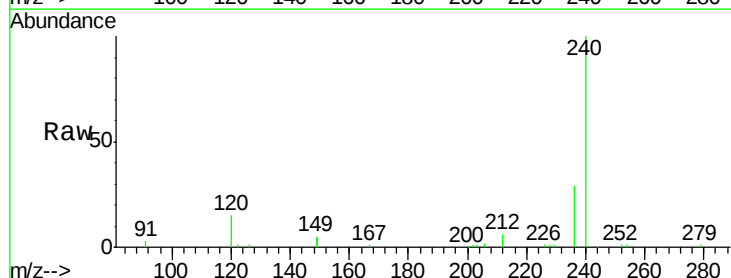
Tgt Ion:240 Resp: 23857

Ion Ratio Lower Upper

240 100

120 14.8 5.5 8.3#

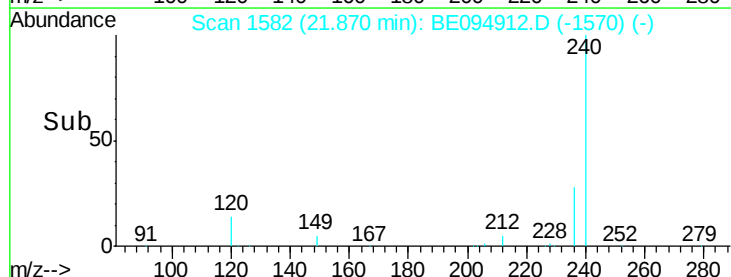
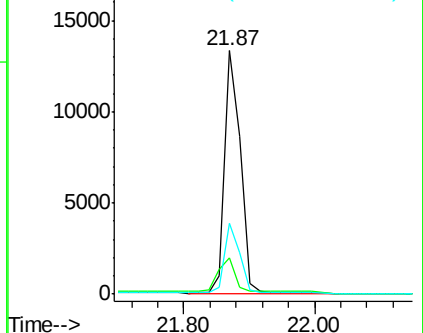
236 28.9 20.7 31.1

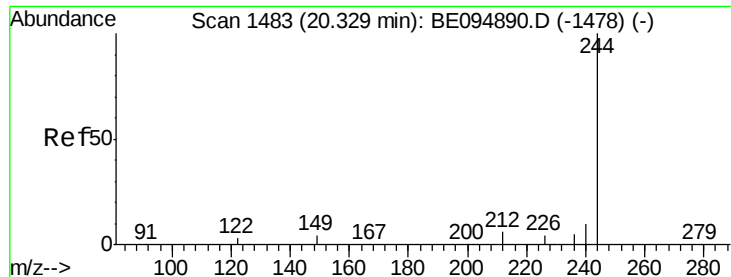


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.53 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

FB112117

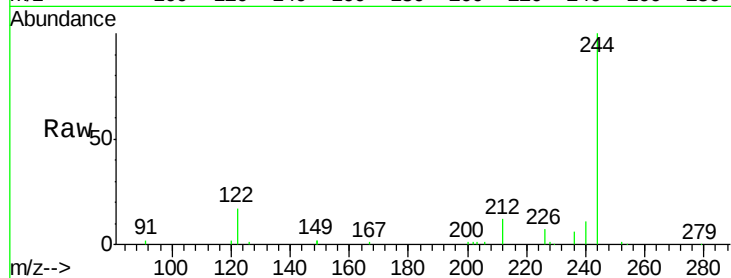
Tot Ion:244 Resp: 23268

Ion Ratio Lower Upper

244 100

212 12.5 25.4 38.0#

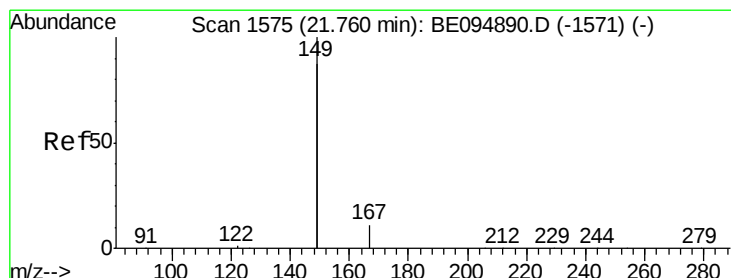
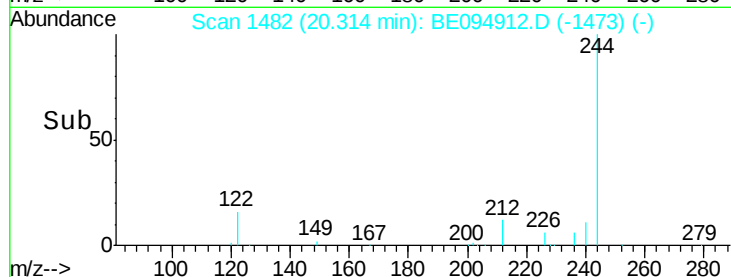
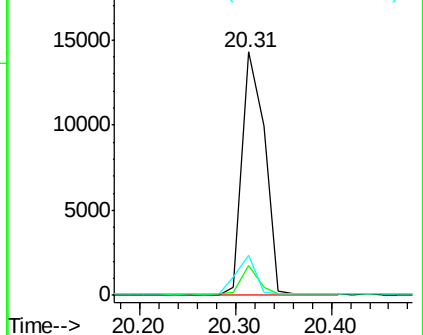
122 16.6 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

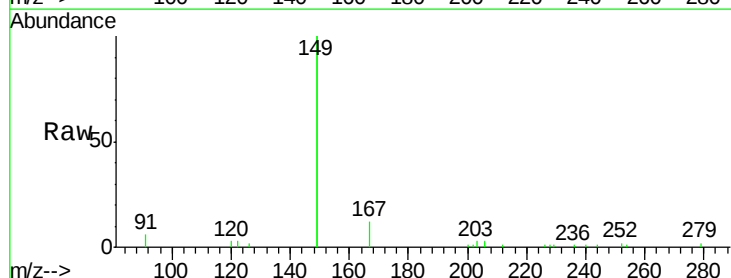
Tgt Ion:149 Resp: 17121

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

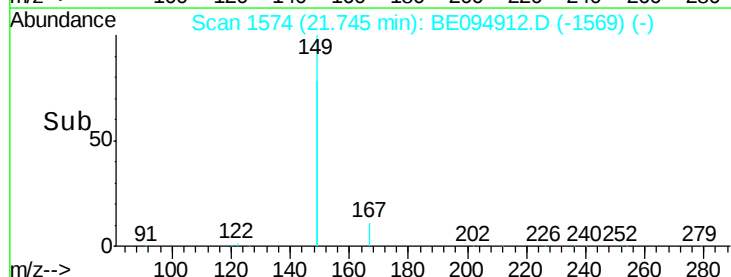
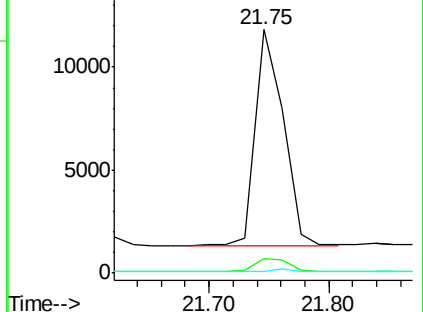
279 1.0 0.7 1.1

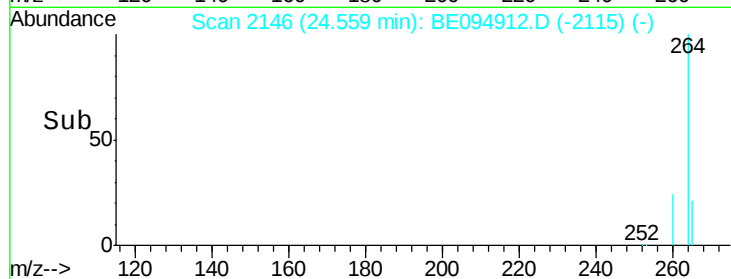
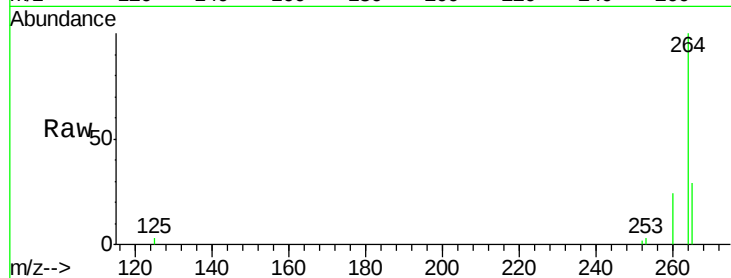
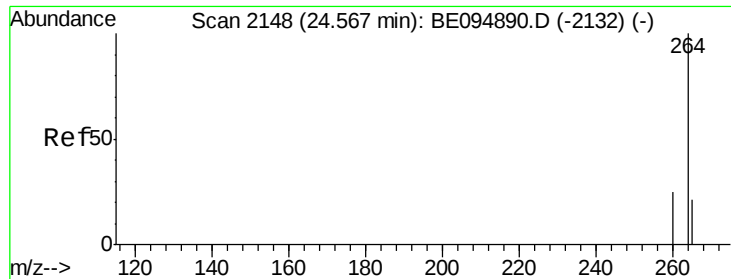


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.40 ng

RT: 24.56 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BE094912.D

Acq: 1 Dec 2017 19:22

Instrument :

BNA_E

ClientSampleId :

FB112117

Tot Ion: 264 Resp: 19703

Ion Ratio Lower Upper

264 100

260 24.2 20.5 30.7

265 29.0 22.8 34.2

